

**To:** Ells, Steve[Ells.Steve@epa.gov]  
**Cc:** Scozzafava, MichaelE[Scozzafava.MichaelE@epa.gov]; Stalcup, Dana[Stalcup.Dana@epa.gov]; Fitz-James, Schatzi[Fitz-James.Schatzi@epa.gov]  
**From:** Greenberg, Marc  
**Sent:** Tue 8/11/2015 2:43:01 PM  
**Subject:** RE: 8:00am call with Reggie and Josh.

Thanks Steve.

Call me when you can so I can update you and see if you have any input. Mathy asked for a concept for a monitoring plan for the sediments. We got started on it with OEM (Reggie Cheatham and Josh Woodyard) thru a paragraph. This could grow into more of an effort, so your advice and counsel would be helpful and, frankly, needed.

My office number is highlighted below.

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Marc S. Greenberg, Ph.D.  
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**From:** Ells, Steve  
**Sent:** Tuesday, August 11, 2015 10:38 AM  
**To:** Greenberg, Marc  
**Subject:** Re: 8:00am call with Reggie and Josh.

at home, on conf. call for Br. meeting now. what is your office no?

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**From:** Greenberg, Marc  
**Sent:** Tuesday, August 11, 2015 10:35 AM  
**To:** Ells, Steve  
**Subject:** RE: 8:00am call with Reggie and Josh.

Can you give me a call. In about 5 minutes...need a personal break...

**From:** Ells, Steve  
**Sent:** Tuesday, August 11, 2015 10:34 AM  
**To:** Greenberg, Marc  
**Subject:** Re: 8:00am call with Reggie and Josh.

so was a large mass of sludge/sediments released and deposited in the river? Or it this mostly a surface water and ph-metals issue?

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**From:** Greenberg, Marc  
**Sent:** Tuesday, August 11, 2015 10:08 AM  
**To:** Woolford, James; Heimerman, Jeffrey; Gardner, Monica  
**Cc:** Barr, Pamela; Hoff, Melanie; Stalcup, Dana; Ells, Steve; Scozzafava, MichaelE; Compton, Harry  
**Subject:** RE: 8:00am call with Reggie and Josh.

Just saw your note. Not standing down on sediment as per the call. I think Jeff in his note below was providing info on the other matters that we discussed on the call because we had all the right people in the right place at the right time...

Reggie had a good feel for what would be needed at this time regarding the HOW we would develop a monitoring plan. Not the details at this time. Short paragraph with concept of a monitoring plan to be developed and that is consistent with how we would develop a plan at a

typical site. I've attached what we developed for Josh and Reggie to consider. They need by 11 am, so only tweezed the language to a certain degree...

# Deliberative Process/Ex. 5

**From:** Woolford, James

**Sent:** Tuesday, August 11, 2015 9:54 AM

**To:** Heimerman, Jeffrey; Gardner, Monica

**Cc:** Barr, Pamela; Hoff, Melanie; Greenberg, Marc; Stalcup, Dana; Ells, Steve; Scozzafava, MichaelE

**Subject:** RE: 8:00am call with Reggie and Josh.

Thanks

Do we need to stand down on working a sediment sampling strategy?

Jim Woolford, Director

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**From:** Heimerman, Jeffrey

**Sent:** Tuesday, August 11, 2015 9:29 AM

**To:** Woolford, James; Gardner, Monica  
**Cc:** Barr, Pamela; Hoff, Melanie; Greenberg, Marc; Stalcup, Dana  
**Subject:** 8:00am call with Reggie and Josh.

Marc, Melanie, Nick Gannon and I just go off a con call with Reggie and Josh OEM this morning to discuss lab analytical capacity, potential for QATS QA services to whatever labs (CLP, Regional, other agency, state, etc). We conveyed what we knew about effort by the Region 8 RST Director putting a call for support to the other Regional labs. We asked about the potential for Phyllis in Castle rock to contribute to the analyses, but it isn't set up for metals analysis. Marc also discussed a number of points brought up in conversations he's had with the tri-region ICS environmental unit including relevant sediment guidance, sources of historical water quality and sediment data from trusted, quality assured sources that could contribute to an informed discussion of background conditions before the spill, etc. Greg Powell made it on scene this morning. Marc noted that Joe and Mike are supporting data management for the response, Terrence, Mark Sprenger and Charters are engaged.

Melanie, Nick and Shari are scheduled to be on another call with the Region 8 Regional Sample Coordinator and the Region 8 lab for recon on what the needs are and potential capabilities we can supply.